

FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTORNEY'S DOCKET NUMBER  
10191/1378

PCT

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/554553

INTERNATIONAL APPLICATION NO.  
PCT/DE98/02407INTERNATIONAL FILING DATE  
19 August 1998  
(19.08.98)PRIORITY DATE CLAIMED:  
14 November 1997  
(14.11.97)TITLE OF INVENTION  
METHOD FOR TRANSMITTING INFORMATION AND TERMINAL DEVICE TO RECEIVE DATAAPPLICANT(S) FOR DO/EO/US  
KYNAST, Andreas and KERSKEN, Ulrich

Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) immediately rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))
10. ☒ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
  - ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: International Search Report, Preliminary Examination Report and PCT/RO/101.

Express Mail No.:

EL179949596us

U.S. APPLICATION NO. if known, see 37 C.F.R. 1.5

INTERNATIONAL APPLICATION NO.  
PCT/DE98/02407ATTORNEY'S DOCKET NUMBER  
10191/1378

09/554553

- 17.
- ☒
- The following fees are submitted:

Basic National Fee (37 CFR 1.492(a)(1)-(5)):

Search Report has been prepared by the EPO or JPO ..... \$840.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) .... \$670.00

No international preliminary examination fee paid to USPTO (37 CFR 1.482) but  
international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$760.00Neither international preliminary examination fee (37 CFR 1.482) nor international  
search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$970.00International preliminary examination fee paid to USPTO (37 CFR 1.482) and all  
claims satisfied provisions of PCT Article 33(2)-(4) ..... \$96.00

CALCULATIONS | PTO USE ONLY

ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 840

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months  
from the earliest claimed priority date (37 CFR 1.492(e)).

\$

Claims	Number Filed	Number Extra	Rate	
Total Claims	7 - 20 =	0	X \$18.00	\$0
Independent Claims	2 - 3 =	0	X \$78.00	\$0
Multiple dependent claim(s) (if applicable)			+ \$260.00	\$

TOTAL OF ABOVE CALCULATIONS = \$840

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must  
also be filed (Note 37 CFR 1.9, 1.27, 1.28).

\$

SUBTOTAL = \$840

Processing fee of \$130.00 for furnishing the English translation later the ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE = \$840

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$

TOTAL FEES ENCLOSED = \$840

Amount to be:	
refunded	\$
charged	\$

- a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 11-0600 in the amount of \$840.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-0600. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:  
Kenyon & Kenyon  
One Broadway  
New York, New York 10004

SIGNATURE

Richard L. Mayer, Reg. No. 22,490

NAME

May 15, 2000

DATE

EXPRESS MAIL CERTIFICATE

"EXPRESS MAIL" MAILING LABEL NUMBER EL179949596 US

DATE OF DEPOSIT May 18, 2000


TYPE OF DOCUMENT National Phase Application

SERIAL NO. Reverted FILING DATE Hereinwith

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE, BY BEING HANDED TO A POSTAL CLERK OR BY BEING PLACED IN THE EXPRESS MAIL BOX BEFORE THE POSTED DATE OF THE LAST PICK UP, AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

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(SIGNATURE OF PERSON MAILING PAPER OR FEE)

09554553 051500

[10191/1378]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Andreas KYNAST et al.  
Serial No. : To Be Assigned  
Filed : Herewith  
For : METHOD FOR TRANSMITTING INFORMATION  
AND TERMINAL DEVICE TO RECEIVE DATA

Examiner : To Be Assigned

Group Art Unit : To Be Assigned

Assistant Commissioner for Patents  
Washington, DC 20231

**PRELIMINARY AMENDMENT**

Sir:

Kindly amend the above-identified application before examination  
as follows:

**IN THE SPECIFICATION:**

On page 1, delete lines 2-5.

On page 1, line 6, delete "independent patent claims."

On page 1, delete lines 13 and 14 and insert:

- Summary Of The Invention - .

On page 1, line 15, change "In contrast, the" to - The - .

On page 2, delete lines 4 and 5.

On page 2, line 6, delete "patent claims possible."

On page 2, delete lines 11-23 and insert:

EL179949596us

- Brief Description Of The Drawings

Figure 1 shows a conventional method of data exchange between terminal devices and service providers.

Figure 2 shows the method according to the present invention for exchanging data between a service provider and terminal devices.

Detailed Description- -.

On page 4, line 15, change "corresponding" to - -correspond- -.

On page 8, line 1, change "Claims" to

- What Is Claimed Is:- -.

**IN THE CLAIMS:**

Please cancel original claims 1-7 and please cancel substitute claims 1-7, without prejudice.

Please add the following new claims:

8. (New) A method for transmitting information between an infrastructure and data users, the infrastructure including a service provider, the data users including terminal devices in a motor vehicle, the data users having specific data processing capabilities, the method comprising the steps of:

making a data service available in a standardized format, using the infrastructure; and

via interfaces situated in the infrastructure, adapting data in the standardized format to the data processing capabilities of the data users.

9. (New) The method according to claim 8, further comprising the step of carrying-out a transmission between the infrastructure and the data users via a

digital mobile telephone network.

10. (New) The method according to claim 8, further comprising the steps of:  
transmitting request data from the data users to the infrastructure;  
and  
selecting the data service and at least one of the interfaces as a  
function of the request data.

11. (New) A terminal device for a reception of data from an infrastructure, the  
terminal device having specific data processing capabilities for processing the  
data, the infrastructure making a data service available in a standardized format,  
the infrastructure including interfaces via which the data in the standardized  
format is adapted to the data processing capabilities of the terminal device, the  
terminal device comprising:

means for transmitting a request signal to the infrastructure via  
which data is requested from the infrastructure and with which information  
concerning the data processing capabilities is transmitted via the terminal  
device to the infrastructure.

12. (New) The terminal device according to claim 11, further comprising means  
for exchanging data with the infrastructure via a digital mobile telephone  
network.

13. (New) The terminal device according to claim 11, wherein the terminal  
device is a car radio with supplementary functions.

14. (New) The terminal device according to claim 11, wherein the information  
concerning the data processing capabilities of the terminal device includes a  
terminal device identifier.

**IN THE ABSTRACT:**

On page 10, delete lines 1 and 2, and insert:

-- Abstract Of The Disclosure--.

On page 10, line 4, delete "is described".

On page 10, delete line 13.

**REMARKS**

This Preliminary **Amendment** cancels, without prejudice, original claims 1-7 and substitute claims 1-7, in the underlying PCT Application No. PCT/DE98/02407, and adds new claims 8-14. The new claims conform the claims to U.S. Patent and Trademark Office rules and do not add new matter to the application.

The amendments to the specification and abstract are to conform the specification and abstract to U.S. Patent and Trademark Office rules, and do not introduce new matter into the application.

The underlying PCT Application No. PCT/DE98/02407 includes an International Search Report, dated February 15, 1999, a copy of which is included. The Search Report includes a list of documents that were considered by the Examiner in the underlying PCT application.

The underlying PCT Application No. PCT/DE98/02407 also includes an International Preliminary Examination Report, dated February 21, 2000, a copy of which is included, including a translation.

# DESIGN

KENYON & KENYON

57/15-100

By:

A. L. d. L. Ma ✓

5

1/PRTS

09/554553  
527 Rec'd PCT/PTO 15 MAY 2000

[10191/1378]

METHOD FOR TRANSMITTING INFORMATION AND TERMINAL DEVICE TO  
RECEIVE DATA

Background Information

The invention relates to a method for transmitting  
information and a terminal device for receiving data  
5 according to the definition of the species of the  
independent patent claims. Methods for transmitting  
information and terminal devices are already known in which  
the data providers provide data services 4, 5 which are each  
adapted to the data processing capabilities of terminal  
10 devices 1, 2 (see Figure 1). Such systems are, however, very  
inflexible.

Advantages of the Invention

15 In contrast, the method according to the present invention  
for transmitting information and the terminal device  
according to the present invention for receiving data have  
the advantage that the data services need no longer be  
adapted individually to the capabilities of the terminal  
20 devices. Rather, it is the case that the data can be  
generated in a standardized format and can then be  
correspondingly adapted by interfaces to the capabilities of  
the terminal devices for data processing. Consequently,  
terminal devices with varying capabilities can use the same  
25 data service. Moreover, the configuration of the terminal  
devices is simplified since essential functions now need  
only be present once in the data providers. Since the  
interfaces are only present with the data providers, errors  
can be corrected very easily in a central location and the

adaptation to new terminal devices need take place only once.

5 The measures described in the dependent patent claims make advantageous improvements of the objects of the independent patent claims possible. A radio communications network, a digital mobile telephone network in particular, is used advantageously for the exchange of data. In this connection, data can then be transmitted both from the terminal device  
10 to the service provider and in reverse direction.

#### Drawings

15 Exemplary embodiments of the present invention are shown in the drawings and are explained in greater detail in the following description. Figure 1 shows a conventional method of data exchange between terminal devices and service providers and Figure 2 shows the method according to the present invention for exchanging data between a service  
20 provider and terminal devices.

#### Description

25 Figure 1 shows an already known system for transmitting information. This system has data users 1, 2 which, for example, are designed in the form of terminal devices in a motor vehicle, e.g., car radios with supplementary functions. Data users 1, 2, i.e., terminal devices 1, 2, are paired with a data provider 3, i.e., an infrastructure 3.  
30 This data provider 3, i.e., infrastructure 3, generates data which is transmitted to the data users via a transmission medium 10. The transmission medium is represented by arrows 10 in this case. Data transmission medium 10 is conceived of

in particular as, for example, digital radio telephone systems such as the GSM mobile radio telecommunications system in this case. With the GSM mobile radio telecommunications system, it is possible to transmit data within the context of the Short Message Service. In addition, it is also possible to transmit data via the normal voice channels of the GSM mobile radio telephone, for example in the form of fax data. In this connection, as suggested by arrows 10, data can be transmitted not only by the data providers to terminal devices 1, 2 but terminal devices 1, 2 can also transmit data to data providers 3. In particular, this serves the purpose of requesting appropriate data from data providers 3 initiated by terminal devices 1, 2.

In Figure 1, data providers 3 have two different data services 4 and 5, each of which is adapted to terminal devices 1 and 2. These different data services 4, 5 can in fact have essentially the same functionality; however, they are adapted to the particular capabilities of terminal devices 1 and 2. Data services 4 and 5 may, for example, include drawing up a travel route for the user, taking the particular currently existing traffic situation into account. Accordingly, the users would enter their starting point and destination in terminal devices 1 and 2 and then transmit this data to service provider 3 via transmission medium 10 with a corresponding request to draw up a travel route. Data services 4 and 5 then generate the optimum travel route and transmit it back to terminal devices 1, 2 via transmission medium 10. Terminal devices 1, 2 differ from each other, however, essentially in the way this information can be displayed. Terminal device 1 has, for example, a small display and a voice output. The optimum

route would then be presented by the display of brief location data on the screen and the output of corresponding voice signals as needed. Terminal device 2 has, for example a large color screen. In this terminal device, the information concerning the optimum travel route would then be shown on the screen as a map with appropriate color markings. Due to the different capabilities of the terminal devices, different data services 4, 5 must be provided by the data providers, each being adapted to the data processing capabilities of terminal devices 1, 2.

A method according to the present invention for transmitting information between a data provider 3 and data users 1, 2 is shown in Figure 2. Terminal devices 1, 2 of transmission medium 10 and data providers 3 corresponding to the corresponding elements from Figure 1. These terminal devices differ in particular with regard to their capabilities for processing data, in particular in the display on a screen or output in the form of speech.

The internal configuration of data provider 3 is different from Figure 1. Data provider 3 has only one data service 4 which is configured independently of the data processing capabilities of terminal devices 1, 2. Before the data is transmitted to the respective terminal devices 1, 2 via transmission medium 10, it is correspondingly adapted to terminal devices 1, 2 by interfaces 6, 7. It is the task of these interfaces 6, 7 to adapt the data provided by data service 4 to the capabilities of terminal devices 1, 2 and, correspondingly, to adapt to data service 4 the information sent by terminal devices 1, 2 to data provider 3. Interfaces are understood here to mean interface converters which are, for example, configured in the form of software and adapt

the data from the terminal device to the data service or in reverse direction. For example, terminal device 1 can have a voice input. This voice data is then transmitted to interface 6 and processed there into appropriate information for data service 4. For the example described above, this information can be the starting point and the destination of the planned trip. Using this data, data service 4 determines an optimum route and provides interface 6 with a large amount of information regarding the optimum route. If data service 4, for example, makes a map available, interface 6 converts this information into appropriate data for a brief written display or voice output in terminal device 1 since this corresponds to the capabilities for further data processing of terminal device 1. Therefore, only data in a format that can be processed by terminal device 1 is transmitted from interface 6 by communication medium 10. Terminal device 2 has a larger color screen, with the aid of which the user of terminal device 2 can enter a starting point and destination for his trip (for example, a touch screen). This data is transmitted via communication medium 10 to interface 7 which then generates appropriate input data for data service 4. Data service 4 accordingly draws up the route, in this case, for example, again in the form of a large map which cannot be displayed on the screen of terminal device 2 in that format and size. Interface 7 will then process this data appropriately by processing the map data that is not needed, for example, because the map section made available by data service 4 is too large, to conform to the format that can be displayed in terminal device 2. Only this data is then transmitted via interface 10 to terminal device 2, i.e., terminal device 2 receives in this case also only the data which it can reasonably process further.

The arrangement of the interface at data provider 3 results in the advantage that it is not necessary to create a separate data service for each terminal device 1, 2 which is adapted to the capabilities of the terminal device. Rather,  
5 the case is that one data service can be used for completely different terminal devices which may vary greatly with regard to their data processing capability. The expense for creating data services is thus reduced. Moreover, it is accordingly possible to design the terminal devices to be  
10 correspondingly simpler since the terminal devices do not need to be adapted to an already existing data service, but rather conversely, the data services are adapted to the capabilities of the terminal devices. This has the additional advantage that if additional terminal devices  
15 with new data processing capabilities are introduced, the already existing data services can be easily adapted to these new terminal devices. When new types of terminal devices appear, only the interfaces must be adapted to the new terminal devices.

It is not absolutely essential to arrange interfaces 6, 7 together with data service 4. It is just as conceivable for providers of communication medium 10, for example, operators of digital mobile telephone networks, accordingly to  
25 purchase data from service providers and then process it for their mobile telephone customers. In such a case the service provider shown in Figure 2 would thus be made up of two different providers which, however, from the customer's point of view exist as a single data provider 3.

30 The shifting of some of the functions from the terminal device to data provider 3 makes it possible for different terminal devices to use the same service. Moreover, the

terminal devices are thereby simplified since the necessary extra expense for adapting different terminal devices to the data service is incurred only once by the service providers. In addition, this also makes it very easy to expand existing services with additional functions. Only the interfaces would need to be adapted accordingly. For terminal devices with new display capabilities, only corresponding interfaces need be set in place at the data providers. At the same time, the already existing services can also be used. If errors occur, they can be corrected very easily at a central location at service providers 3 without the need for exchanging the software in all the terminal devices. In principle, it is therefore generally advantageous for the data providers to adapt to the terminal devices and not the reverse.

One option for transmitting the data processing capabilities of the terminal device is to have only one terminal device identifier or one terminal device code stored in the terminal devices, the code then being transmitted to the service providers. A list is stored in the interfaces or the service providers which then permits the identification of specific data processing capabilities.

1. A method for transmitting information between an infrastructure (3) and data users (1, 2), in particular between a service provider (3) and terminal devices (1, 2) in a motor vehicle, the data users (1, 2) having specific data processing capabilities, the infrastructure (3) making a data service (4) available in a standardized format, characterized in that interfaces (6, 7) are provided in the infrastructure (3), via which the data in the standardized format is adapted to the respective data processing capabilities of the data users (1, 2).

2. The method according to Claim 1, characterized in that the transmission between the infrastructure (3) and the data users (1, 2) takes place via a radio communications network, a digital mobile telephone network in particular.

3. The method according to one of the preceding claims, characterized in that the data users (1, 2) transmit request data to the infrastructure (3), and that both a data service (4) as well as an associated interface (6, 7) are selected on the basis of the request data.

4. A terminal device (1, 2) for the reception of data from an infrastructure (3), the terminal device (1, 2) having means for transmitting a request signal to the infrastructure (3), via which data can be requested from the infrastructure (3), the terminal device (1, 2) having specific capabilities for processing the data, the infrastructure (3) making a data service (4) available in a standardized format, characterized in that interfaces (6, 7) are provided in the infrastructure (3), via which the data in the standardized format is adapted to the

respective data processing capabilities of the data users (1, 2), and that the terminal device (1, 2) has means for transmitting a request signal with which information concerning the data processing capabilities is transmitted via the terminal device (1, 2) to the infrastructure (3).

5. The terminal device according to Claim 4, characterized in that the terminal device can exchange data with the data provider (3) via a radio communications network, a digital mobile telephone network in particular.

6. The terminal device according to Claim 4 or 5, characterized in that the terminal device is designed as a car radio with supplementary functions.

7. The terminal device according to Claim 4 to 6, characterized in that the information concerning the data processing capabilities of the terminal device (1, 2) includes a terminal device identifier.

005150-2555500

## Abstract

A method for transmitting information between a data provider and data users is described in which the data users  
5 may be different with regard to their data processing capabilities. An interface is provided between the data provider and the data user, via which the data is adapted to the respective data processing capabilities of the data users. Corresponding terminal devices transmit information  
10 concerning the terminal device's data processing capabilities with the request for data.

Figure 2

272405

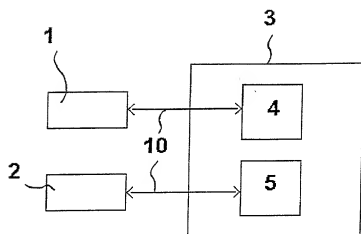


Fig. 1

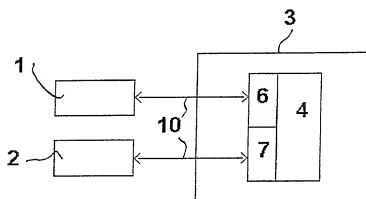


Fig. 2

**COMBINED DECLARATION AND  
POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **"METHOD FOR TRANSMITTING INFORMATION AND TERMINAL DEVICE TO RECEIVE DATA"**, and the specification of which:

- ☐ is attached hereto;
- ☐ was filed as United States Application Serial No. \_\_\_\_\_ on \_\_\_\_\_, \_\_\_\_ and was amended by the Preliminary Amendment filed on \_\_\_\_\_, \_\_\_\_.
- ☒ was filed as PCT International Application Number PCT/DE98/02407, on the 19<sup>th</sup> day of August, 1998.
- ☒ an English translation of which is filed herewith.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international applications(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

EL 1799 49596US

**PRIOR FOREIGN/PCT APPLICATION(S)  
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119**

Country : Germany

Application No. : 197 50 361.6

Date of Filing: November 14, 1997

Priority Claimed

Under 35 U.S.C. § 119 : ☒ Yes    ☐ No

I hereby claim the benefit under Title 35, United States Code § 120 of any United States Application or PCT International Application designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATIONS OR  
PCT INTERNATIONAL APPLICATIONS  
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. § 120**

**U.S. APPLICATIONS**

Number :

Filing Date :

**PCT APPLICATIONS  
DESIGNATING THE U.S.**

PCT Number :

PCT Filing Date :

I hereby appoint the following attorney(s) and/or agents to prosecute the above-identified application and transact all business in the Patent and Trademark

Office connected therewith.

(List name(s) and registration number(s)):

Richard L. Mayer,	Reg. No. 22,490
Gerard A. Messina,	Reg. No. 35,952
_____	Reg. No. _____
_____	Reg. No. _____

All correspondence should be sent to:

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One Broadway  
New York, New York 10004

Telephone No.: (212) 425-7200  
Facsimile No.: (212) 425-5288

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of inventor <sup>1-00</sup> Andreas KYNAST

Inventor's signature X Andreas Kynast Date X 27.4.2000

Citizenship Federal Republic of Germany

Residence Trockener Kamp 27  
31139 Hildesheim  
Federal Republic of Germany

DEX

Post Office Address Same as above

2-00  
Full name of inventor Ulrich KERSKEN

Inventor's signature Ulrich Kersken Date 26/04/2000

Citizenship Federal Republic of Germany

Residence Schwarze Heide 13  
31199 Diekholzen  
Federal Republic of Germany

DEX

Post Office Address Same as above